

Email: ddum@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0095 row: B column: 09
 Seq Primer: CACACAGGAACACCTATGACC
 Class: Plasmid ends
 High quality sequence stop: 49.
 Location/Qualifiers
 1. .49

FEATURES

source

/organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGC1M0055B09"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 [gi|4732114|gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

ORIGIN

Query Match 100.0%; Score 11; DB 28; Length 49;
 Best Local Similarity 100.0%; Pred. No. 5e+04;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATCTCAGCCTC 11
 |||||
 Db 34 ATCTCAGCCTC 44

RESULT 2

H85558 65 bp mRNA linear EST 14-NOV-1995
 LOCUS Y890B03.s1 Soares retina N2b5HR Homo sapiens cDNA clone
 DEFINITION IMAGE:222029 3', similar to gb|U14852|QLSLR7LA Quail 7S L (rRNA);
 gb|X02067 H. sapiens mRNA for 7SL RNA pseudogene (HUMAN);, mRNA
 sequence.

ACCESSION H85558.1 GI:1064633
 VERSION EST.
 KEYWORDS Homo sapiens (human)
 SOURCE EST.
 ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 65)
 AUTHORS Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, B., Rohlfing, T., Soares, M., Tan, F., Trevisan, E., Waterston, R., Williamson, A., Wohlmann, P. and Wilson, R.

TITLE

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu
 High quality sequence starts: 1
 High quality sequence stops: 1
 Source: IMAGE Consortium, LLNL
 This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
 Trace considered overall poor quality
 Insert Length: 888 Std Error: 0.00
 Seq Primer: Promega -21ml3
 High quality sequence stop: 1.
 Location/Qualifiers
 1. 65

FEATURES

source

/organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:3850790"
 /db_xref="taxon:9606"
 /clone="IMAGE:222029"
 /sex="male"
 /tissue_type="retina"
 /dev_stage="55 year old"
 /lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares retina N2b5HR"
 /note="Organ: eye; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAGTGGAGCGCGCGCTTTTCTTTTCTTTT 3'], double-stranded cDNA was size selected, ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). The retinas were obtained from a 55 year old Caucasian and total cellular poly(A)+ RNA was extracted 6 hrs after their removal. The retina RNA was kindly provided by Roderick R. McInnes M.D. Ph.D. from the University of Toronto. Library constructed by Bento Soares and M.Fatima Ronaldo."

ORIGIN

Query Match 100.0%; Score 11; DB 14; Length 65;
 Best Local Similarity 100.0%; Pred. No. 5.6e+04;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATCTCAGCCTC 11
 |||||
 Db 33 ATCTCAGCCTC 43

RESULT 3

EG061102/c 75 bp mRNA linear EST 08-MAY-2003
 LOCUS L0902E06-5 NIA Mouse Newborn Kidney cDNA Library (Long) Mus
 DEFINITION musculus cDNA clone L0902E06 5', mRNA sequence.

ACCESSION EG061102
 VERSION EG061102.1 GI:12530256
 KEYWORDS EST.
 SOURCE Mus musculus (house mouse)

REFERENCE 1 (bases 1 to 75)
 AUTHORS Piao, Y., Ko, N.T., Lim, M.K. and Ko, M.S.H.
 TITLE Construction of long-transcript enriched cDNA libraries from submicrogram amounts of total RNAs by a universal PCR amplification method

JOURNAL

Genome Res. 11 (9), 1553-1558 (2001)

MEDLINE 21429098

PUBMED 11544199

COMMENT

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Email: cdna@gsun.grc.nia.nih.gov

niabst (http://lgsun.grc.nia.nih.gov/cDNA/cDNA.html)

Plate: L0902 row: E column: 06